

SUPSHIP JACKSONVILLE
LOCAL STANDARD ITEM

FY-01

ITEM NO: 099-53JA
DATE: 03 JAN 2000
CATEGORY: I

1. SCOPE:

1.1 Title: Temporary Flammable Liquid Storage and Hazardous Material Storage Units; provide

2. REFERENCES:

- a. 29 CFR, Part 1915, OSHA
- b. National Fire Protection Association Standard 30
- c. National Fire Protection Association Standard 70

3. REQUIREMENTS:

3.1 Provide two lockable, weatherproof storage units, each conforming to the requirements of 2.a through 2.c, from the first day of the contract to the last day of the contract.

3.1.1 One unit shall be for flammable liquids storage (paint, flammable, and corrosive liquids).

3.1.2 One unit shall be for hazardous materials storage.

3.2 In addition to the requirements of 2.a through 2.c, each storage unit shall conform to the following:

3.2.1 The exterior shall be painted white with all required signs painted in red.

3.2.1.1 Install a removable aluminum sign, 18 by 24 inches, on each access door showing user's name, points of contact (Hazardous Waste Coordinator and Alternate), and phone numbers.

3.2.2 Provide two fully charged 15 pound CO² fire extinguishers, mounted outside the storage units within four feet of each access.

3.2.3 Provide a minimum of 320 **square** feet of floor space, with a seven-foot minimum ceiling.

3.2.3.1 Floor load limit shall be a minimum of 100 pounds per square foot with raised grating for the storage area floor.

3.2.3.2 Floor space shall be liquid tight, including where the walls join the floor.

3.2.4 Accesses shall be contained through the use of noncombustible, liquid-tight raised coaming or ramps of at least four inches (10 cm) in height or otherwise designed to prevent the flow of liquids to adjoining areas.

3.2.5 Provide secondary containment designed to prevent the flow of liquids outside the containment area.

3.2.6 Aisles shall be maintained at a minimum of three feet wide.

3.2.7 Provide a minimum of 200 square feet of 24-inch wide shelving.

3.2.8 Provide a minimum of 10 foot candles of lighting throughout provided by explosive proof fixtures.

3.2.9 Provide a minimum of one explosive proof, grounded, 115 volt, 15 amp, single phase, AC duplex receptacle.

3.2.10 Provide ventilation for each storage unit by non-sparking electric exhaust vent fan(s) or a mechanical exhaust ventilation system(s). The location of the ventilation system(s) shall be arranged to provide air movement across all areas of the floor to prevent accumulation of flammable vapors. Exhaust from each storage unit shall be directed to the atmosphere, and not recirculated into compartment air.

3.2.10.1 Each ventilation system(s) shall provide, at a minimum, one cubic foot per minute (CFM) of exhaust per square foot of floor area, but not less than 150 CFM each if multiple ventilation systems are used.

3.2.11 Maintain temperature within 35 to 90 degrees Fahrenheit.

3.2.12 Separate each storage unit from other structures by a minimum of 25 feet.

(I)(G) "SITE APPROVAL"

3.2.13 Each storage unit shall be located within close proximity to the ship, as approved by local codes, regulations, and authorities.

3.2.13.1 Locate each storage unit within 500 feet of the ship when permitted.

3.2.14 Provide one each, portable eye wash station with a minimum of 15 gallons of flushing water capacity located adjacent to the storage units.

3.2.14.1 The eyewash station shall be within 100 unobstructed feet and no more than 10 seconds fast walk from the hazard.

3.2.14.2 If the storage units cannot be located together, a second eye wash station shall be provided as required by 3.2.14.1.

4. NOTES:

4.1 The approval for site location for the storage units shall be coordinated between the contractor, the Naval Station fire department, and the SUPERVISOR.